

AMENDMENTS TO THE SPECIFICATION

On page 6, please delete paragraph [30].

On page 6, please replace paragraph [31] with the following amended paragraph.

[31] FIG. ~~5B~~ 5 is an illustration of a network switch receiving an address and using an index portion and bucket portion to identify a particular entry in a table to determine the appropriate output port for data transmission.

On page 12, please replace paragraph [51] with the following amended paragraph.

FIG. ~~5A~~ 5 is an illustration of a switch 500. In order to transmit data at a very quick and efficient manner switch 500 learns which output port each incoming MAC addresses 505 is to be transmitted and stores this information in table 510. When a new MAC address 505 is received by switch 500, the MAC address is looked-up in table 510 and switched to the proper destination output port 540 or 545.